

## WHAT IS CLAIMED IS:

- 1                   1.       A method of managing an update of a changed email address  
2       of a first client of a first system, the update being managed by the first system, the  
3       method comprising:  
4                   providing an old email address and a new email address of the first  
5       client;  
6                   providing an email historical database associated with the first system  
7       in which information of the old and new email addresses are stored, the email  
8       historical database being in communication with the first system via a  
9       communication network;  
10                  sensing a subsequent email address of a subsequent email message  
11       to be sent from a second client of the first system;  
12                  searching in the email historical database to determine whether the  
13       subsequent email address is the old email address of the first client; and  
14                  redirecting the subsequent email message to the new email address  
15       of the first client, if the subsequent email address is determined to be the old email  
16       address of the first client.
- 1                   2.       The method of claim 1 further comprising inputting the old  
2       email address and the new email address into the email historical database associated  
3       with the first system.
- 1                   3.       The method of claim 2 wherein inputting the old and new  
2       email addresses is performed during a period of the first client's subscription with  
3       the first system.
- 1                   4.       The method of claim 1 further comprising:  
2                   determining the subsequent email address to be undeliverable;  
3                   notifying the second client that the subsequent email address is  
4       undeliverable;

5 requesting authorization from the second client to search in the email  
6 historical database to determine whether the subsequent email address is the old  
7 email address of the first client; and  
8 receiving authorization from the second client to search in the email  
9 historical database.

1 5. The method of claim 1 further comprising determining  
2 whether the subsequent email address is the old email address of the first client.

1 6. The method of claim 5 further comprising confirming with the  
2 second client that the subsequent email address is the old email address.

1 7. The method of claim 1 wherein the information includes data  
2 indicative of the first client.

1 8. The method of claim 7 wherein the information includes the  
2 old email address of the first client, the new email address of the first client,  
3 identification of the first client, effective date of the update, and time period of the  
4 update.

1 9. The method of claim 1 further comprising:  
2 requesting authorization from the second client to redirect the  
3 subsequent email message to the new email address; and  
4 receiving authorization from the second client to redirect the  
5 subsequent message to the new email address.

1 10. The method of claim 1 wherein the first system includes a  
2 system of an Internet carrier, a system of a hard-drive for a central processing unit,  
3 a system of a local area network, a system of a metropolitan area network, and  
4 system of a wide area network.

11. The method of claim 1 wherein the communication network includes a local area network, a metropolitan area network, a wide area network, the Internet, and an Intranet.

12. A method of managing an update of a changed email address of a user, the update being managed by a first system, the method comprising:

- providing an old email address and a new email address of the user;
- providing an email historical database associated with the first system in which information of the old and new email addresses are stored, the email historical database being in communication with the first system via a communication network;
- providing a second system for a second client, the second system being in communication with the first system via the communication network;
- sending a subsequent email from the second client, the subsequent email having a subsequent email address;
- determining the subsequent email is undeliverable;
- searching in the email historical database to determine whether the address of the subsequent email is the old email address of the user; and
- redirecting the subsequent email message to the new email address of the user, if the subsequent email address is determined to be the old email address of the user.

13. The method of claim 12 further comprising inputting the old email address and the new email address into the email historical database associated with the first system.

14. The method of claim 12 further comprising:

- notifying the second client of the second system that the subsequent email address is undeliverable;
- requesting authorization from the second client to search in the email historical database to determine whether the subsequent email address is the old email address of the user; and

7 receiving authorization from the second client to search in the email  
8 historical database.

1 15. The method of claim 12 further comprising determining  
2 whether the subsequent email address is the old email address of the user.

1 16. The method of claim 15 further comprising confirming with  
2 the second client that the subsequent email address is the old email address.

1 17. The method of claim 12 wherein the information includes data  
2 indicative of the user.

1 18. The method of claim 17 wherein the information includes the  
2 old email address of the user, the new email address of the user, identification of  
3 the user, effective date of the update, and time period of the update.

1 19. The method of claim 12 further comprising:  
2 requesting authorization from the second client to redirect the  
3 subsequent email message to the new email address; and  
4 receiving authorization from the second client to redirect the  
5 subsequent message to the new email address.

1 20. The method of claim 12 wherein the first system includes a  
2 system of an Internet carrier, a system of a hard-drive for a central processing unit,  
3 a system of a local area network, a system of a metropolitan area network, and  
4 system of a wide area network.

1 21. The method of claim 12 wherein the second system includes  
2 a system of an Internet carrier, a system of a hard-drive for a central processing  
3 unit, a system of a local area network, a system of a metropolitan area network, and  
4 system of a wide area network.

- 1                    22.     The method of claim 12 wherein the communication network
- 2     includes a local area network, a metropolitan area network, a wide area network,
- 3     the Internet, and an Intranet.